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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE APPLICATION OF:
SAVERIO CARL FALCO ET. AL.

CASE NUMBER: BB1116 US CIP

APPLICATION NO: 09,931,457

GROUP ART UNIT: UNKNOWN

FILED: AUGUST 16, 2001

EXAMINER: UNKNOWN

FOR: PLANT AMINO ACID BIOSYNTHETIC ENZYMES

INFORMATION DISCLOSURE STATEMENT

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Washington, D.C. 20231

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In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08.

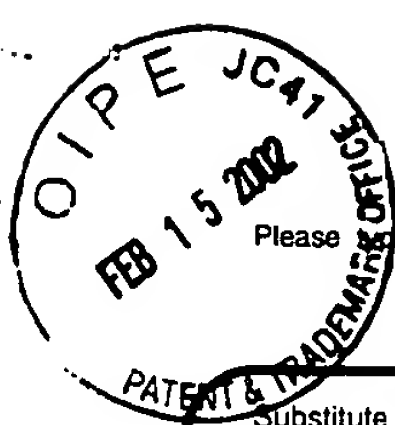
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Respectfully submitted,

PAUL D. GOLIAN
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Application Number	09,931,457
Filing Date	AUGUST 16, 2001
First Named Inventor	SAVERIO CARL FALCO ET. AL.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1116 US CIP

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1929092, 6-28-98, DEKKERS, L. C. ET. AL., A SITE-SPECIFIC RECOMBINASE IS REQUIRED FOR COMPETITIVE ROOT COLONIZATION BY PSEUDOMONAS FLUORESCENS WCS365	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1929095, 6-28-98, DEKKERS, L. C. ET. AL., A SITE-SPECIFIC RECOMBINASE IS REQUIRED FOR COMPETITIVE ROOT COLONIZATION BY PSEUDOMONAS FLUORESCENS WCS365	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 6225241, 8-20-01, DECKERT, G. ET. AL., THE COMPLETE GENOME OF THE HYPERTHERMOPHILIC BACTERIUM AQUIFEX AEOLICUS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 9279586, 12-27-00, SATO, S. ET. AL., STRUCTURAL ANALYSIS OF ARABIDOPSIS THALIANA CHROMOSOME 3. I. SEQUENCE FEATURES OF THE REGIONS OF 4,504,864 BP COVERED BY SIXTY P1 AND TAC CLONES	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1591744, 1-28-98, BULT, C. J., ET. AL., COMPLETE GENOME SEQUENCE OF THE METHANOGENIC ARCHAEON, METHANOCOCCUS JANNASCHII	
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		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4927412, 02-29-00, LEE, M. ET. AL., IDENTIFICATION OF THE GENE ENCODING HOMOSERINE KINASE FROM ARABIDOPSIS THALIANA AND CHARACTERIZATION OF THE RECOMBINANT ENZYME DERIVED FROM THE GENE	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 466530, 2-7-99, NOJI, M. ET. AL., MOLECULAR CLONING OF A CYSTEINE SYNTHASE CDNA FROM CITRULLUS VULGARIS (WATERMELON) BY GENETIC COMPLEMENTATION IN AN ESCHERICHIA COLI-CYS-AUXOTROPH	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 540497, 2-7-99, NOJI, M. ET. AL., MOLECULAR CLONING OF A CYSTEINE SYNTHASE CDNA FROM CITRULLUS VULGARIS (WATERMELON) BY GENETIC COMPLEMENTATION IN AN ESCHERICHIA COLI-CYS-AUXOTROPH	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 416869, 5-30-00, SAITO, K. ET. AL., CDNA CLONING AND EXPRESSION OF CYSTEINE SYNTHASE B LOCALIZED IN CHLOROPLASTS OF SPINACIA OLERACEAE	

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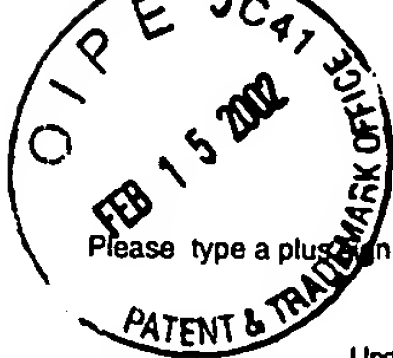
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Group Art Unit	Unknown
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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 14595120, 7-5-01, KANEKO, T. ET. AL., SEQUENCE ANALYSIS OF THE GENOME OF THE UNICELLULAR CYANOBACTERIUM SYNECHOCYSTIS SP. STRAIN PCC6803. II. SEQUENCE DETERMINATION OF THE ENTIRE GENOME AND ASSIGNMENT OF POTENTIAL PROTEIN-CODING REGIONS	
		TAKAKAZU KANEKO ET. AL., DNA RESEARCH, VOL. 2:153-166, 1995, SEQUENCE ANALYSIS OF THE GENOME OF THE UNICELLULAR CYANOBACTERIUM SYNECHOCYSTIS SP. STRAIN PCC6803. I. SEQUENCE FEATURES IN THE 1 MB REGION FROM MAP POSITIONS 64% TO 92% OF THE GENOME	
		TAKAKAZU KANEKO ET. AL., DNA RESEARCH, VOL. 3:109-136, 1996, SEQUENCE ANALYSIS OF THE GENOME OF THE UNICELLULAR CYANOBACTERIUM SYNECHOCYSTIS SP. STRAIN PCC6803. II. SEQUENCE DETERMINATION OF THE ENTIRE GENOME AND ASSIGNMENT OF POTENTIAL PROTEIN-CODING REGION	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1001379, 7-5-01, KANEKO, T. ET. AL., SEQUENCE ANALYSIS OF THE GENOME OF THE UNICELLULAR CYANOBACTERIUM SYNECHOCYSTIS SP. STRAIN PCC6803. I. SEQUENCE FEATURES IN THE 1 MB REGION FROM MAP POSITIONS 64% TO 92% OF THE GENOME	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2645881, 5-1-98, HARB, O. S. ET. AL., IDENTIFICATION OF THE ASPARTATE-BETA-SEMIALDEHYDE DEHYDROGENASE GENE OF LEGIONELLA PNEUMOPHILA AND CHARACTERIZATION OF A NULL MUTANT	
		OMAR S. HARB ET. AL., INFECTION AND IMMUNITY, VOL. 66:1898-1903, 1998, IDENTIFICATION OF THE ASPARTATE-B-SEMIALDEHYDE DEHYDROGENASE GENE OF LEGIONELLA PNEUMOPHILA AND CHARACTERIZATION OF A NULL MUTANT	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2645882, 5-1-98, HARB, O. S. ET. AL., IDENTIFICATION OF THE ASPARTATE-BETA-SEMIALDEHYDE DEHYDROGENASE GENE OF LEGIONELLA PNEUMOPHILA AND CHARACTERIZATION OF A NULL MUTANT	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 6225258, 08-20-01, DECKERT, G. ET. AL., THE COMPLETE GENOME OF THE HYPERTHERMOPHILIC BACTERIUM AQUIFEX AEOLICUS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2983641, 3-25-98, DECKERT, G. ET. AL., THE COMPLETE GENOME OF THE HYPERTHERMOPHILIC BACTERIUM AQUIFEX AEOLICUS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2983642, 3-25-98, DECKERT, G. ET. AL., THE COMPLETE GENOME OF THE HYPERTHERMOPHILIC BACTERIUM AQUIFEX AEOLICUS	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 340818, 8-4-93, MARTIN, C. ET. AL., PSEUDOMONAS AERUGINOSA DIAMINOPIMELATE DECARBOXYLASE: EVOLUTIONARY RELATIONSHIP WITH OTHER AMINO ACID DECARBOXYLASES	

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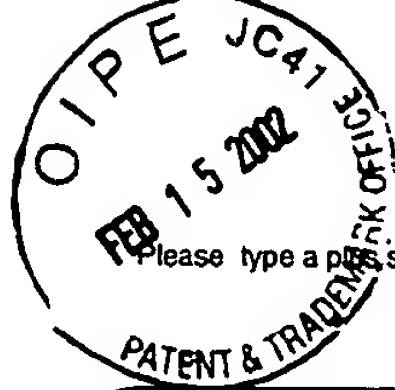
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		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 704396, 5-9-96, RAVANEL, S. ET. AL., CLONING OF AN ARABIDOPSIS THALIANA CDNA ENCODING CYSTATHIONINE BETA-LYASE BY FUNCTIONAL COMPLEMENTATION IN ESCHERICHIA COLI	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1708993, 8-20-01, RAVANEL, S. ET. AL. CLONING OF AN ARABIDOPSIS THALIANA CDNA ENCODING CYSTATHIONINE BETA-LYASE BY FUNCTIONAL COMPLEMENTATION IN ESCHERICHIA COLI	

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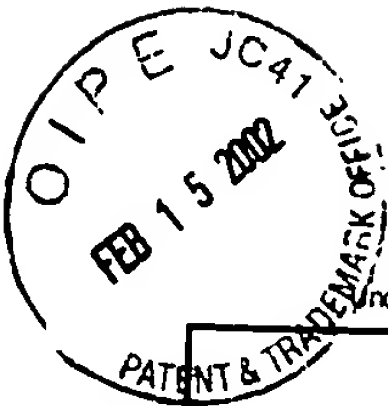
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